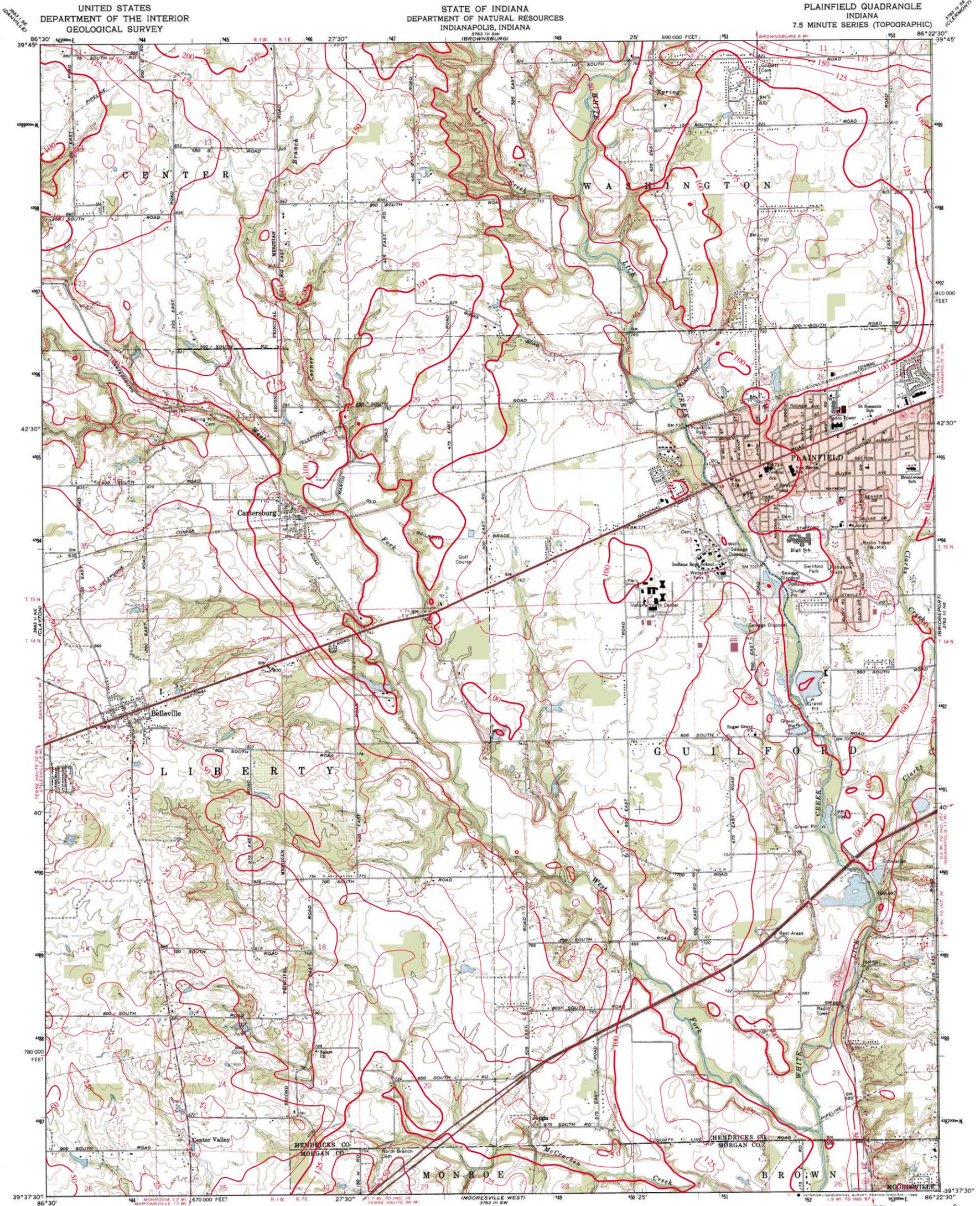


# THICKNESS OF UNCONSOLIDATED DEPOSITS OF PLAINFIELD QUADRANGLE, INDIANA



Maped, edited, and published by the Geological Survey  
 Control by USGS and US&GS  
 Planimetry by photogrammetric methods from aerial photographs taken 1952. Topography by plane-table surveys 1953. Revised from aerial photographs taken 1969. Field checked 1970.  
 Polyconic projection  
 10,000-foot grid based on Indiana coordinate system, west zone 1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American Datum  
 To place on the predicted North American Datum 1983 move the projection lines 1 meter south as shown by dashed corner ticks  
 Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked  
 Red tint indicates area in which only landmark buildings are shown

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 CONTOUR INTERVAL 10 FEET

ROAD CLASSIFICATION  
 Primary highway, hard surface ——— Light-duty road, hard or improved surface  
 Secondary highway, hard surface ——— Unimproved road  
 Interstate Route ——— U. S. Route ——— State Route

PLAINFIELD, IND.  
 N3937.5—WB622.5/7.5  
 1970  
 PHOTOREVISED 1980  
 DMA 3763 III NW—SERIES V851

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80226, OR RESTON, VIRGINIA 22082  
 AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled in cooperation with State of Indiana agencies from aerial photographs taken 1977 and other source data. This information not field checked. Map edited 1980



This map was created by Glenn Grove, IDNR, Division of Water, Ground Water Section. The digital elevation grid of the bedrock surface was subtracted from the grid of the land surface and the resultant grid contoured in ArcInfo. The land surface elevation grid is from 1:24,000 scale digital hypsography by the U.S. Geological Survey, Reston, Virginia, 1999 and 2001. The bedrock surface elevation grid is from a digital map of the bedrock surface topography of Hendricks County. The bedrock surface contouring was done by Marvin Thompson and William Herring, IDNR, Division of Water, Ground Water Section, 1999, at a scale of 1:24,000.  
 Contour interval = 25 feet.

Map generated by Glenn E. Grove  
 IDNR, Division of Water, Ground Water Section  
 January 17, 2012